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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/803,432	03/18/2004	Alastair James Mackenzie Brown	8830-271 (195266)

CONFIRMATION NO. 5537

23973
DRINKER BIDDLE & REATH
ONE LOGAN SQUARE
18TH AND CHERRY STREETS
PHILADELPHIA, PA 19103-6996

FORMALITIES LETTER



OC000000012839570

Date Mailed: 06/02/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/27/2004 RMEBRAHT 00000022 10803432

FILED UNDER 37 CFR 1.53(b)

01 FC:2051

65.00 DP

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

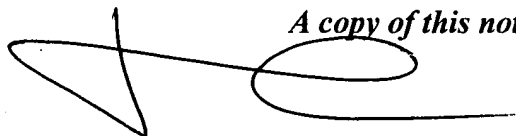
- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - Numbers, letters, and reference characters on the drawings must measure at least 0.32 cm (1/8 inch) in height. See Figure(s) ALL.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

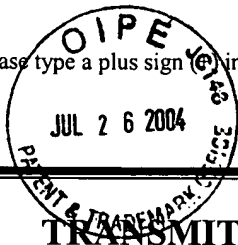
A handwritten signature in black ink, consisting of a stylized 'S' followed by a large loop and a horizontal line.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Please type a plus sign (+) inside this box → ☐



PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

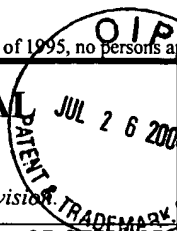
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/803,432
		Filing Date	03/18/2004
		First Named Inventor	Alastair J.M. Brown
		Group Art Unit	TBA
		Examiner Name	TBA
Total Number of Pages in This Submission		Attorney Docket Number	195266 (8830-271)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) – Figs. 1-4, 5A, 5B, 6A-6C, 7A-7E, 8A-8E <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): copy of Notice to File Missing Parts Supplemental Data Sheet; EXECUTED combined Declaration & Power of Attorney; copy of originally-filed drawings; EXECUTED Assignment; check in the amount of \$105.00
Remarks:		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual Name	Gregory J. Lavorgna, Reg. No. 30,469	
Signature		
Date	July 23, 2004	

CERTIFICATE OF MAILING UNDER 37 CFR 1.8	
I hereby certify that this paper, along with any documents referred to as being enclosed therewith, is being deposited with the United States Postal Service in an envelope addressed to U.S. Patent Office, Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: July 23, 2004.	
Typed or printed name	Michelle D. Sebastian
Signature	Date: July 23, 2004

**FEE TRANSMITTAL
for FY 2003**

Patent fees are subject to annual revision.



Complete if known

Application Number	10/803,432
Filing Date	03/18/2004
First Named Inventor	Alastair J.M. Brown
Examiner Name	TBA
Group Art Unit	TBA
Attorney Docket No.	8830-271 (195266)

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$105.00)**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number 50-0573Deposit Account Name Drinker Biddle & Reath LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee required under 37 CFR 1.16 and 1.17☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	\$ 0
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					\$ 0

2. EXTRA CLAIMS FEES FOR UTILITY AND REISSUE

				Extra Claims	Fee from below	Fee Paid
Total Claims	17	-20**	=	0	X	\$ 0
Independent Claims	1	- 3**	=	0	X	\$ 0
Multiple Independent			+	290/145=		\$

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee Code	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0

**or number previously paid, if greater; For Reissue, see above

SUBMITTED BY CUSTOMER NO. 23973

Complete (if applicable)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130			Non-English specification	
1812	2,520			For filing a request for <i>ex parte</i> reexamination	
1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840*			Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130			Petition to the Commissioner	
1807	50			Processing fee under 37 CFR 1.17(q)	
1806	180			Submission of Information Disclosure Stmt	
8021	40			Recording each patent assignment per property (times number of properties)	40
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900			Request for expedited examination of a design application	
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$105

Name (Print/Type)

Gregory J. Lavorgna

Registration No.
(Attorney/Agent)

30,469

Telephone

(215) 988.2700

Signature

Date

July 23, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alastair J.M. Brown et al.

Application No.: 10/803,432

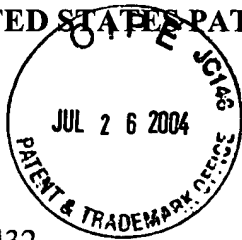
Group Art Unit: TBA

Filed: 03/18/2004

Examiner: TBA

Title: Acoustic Drive Arrays and Loudspeakers Incorporating Same

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Commissioner for Patents
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Alexandria, VA 22313-1450



RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

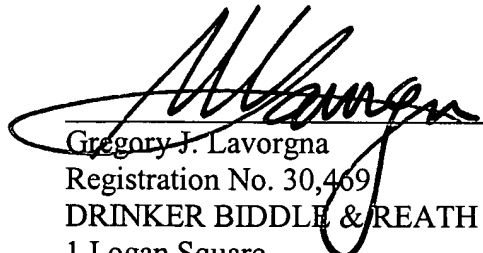
Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application, mailed June 2, 2004, Applicants submit the attached executed Declaration, Supplemental Application Data Sheet, and corrected formal drawings, and a check in the amount of \$65.00 to cover the surcharge fee.

With regard to the drawings, Applicants submit a copy of the originally-filed drawings with amendments to the drawings marked in red ink. Applicants respectfully request entry of the amendments submitted herewith as they correct typographical errors in the originally-filed drawings. No new matter has been added. Each corrected formal drawing is appropriately marked as "Replacement Sheet".

If there are any further fees due in connection with the filing of this response, please charge the fees to Deposit Account No. 50-0573.

Respectfully submitted,



Gregory J. Lavorgna
Registration No. 30,469
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18th and Cherry Streets
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Tel. (215) 988.3309